

## REMARKS

This amendment is accompanied by a Petition to Revive an unavoidably abandoned application under 37 C.F.R. 1.137(a) and a Request for Continued Examination under 37 C.F.R. 1.114.

Claims 1 and 4-10 are pending in the application. Claims 1 and 4-10 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Scholtz (US 5,093,987) or Pope (US 5,904,581) in view of Bartz (US 5,099,396).

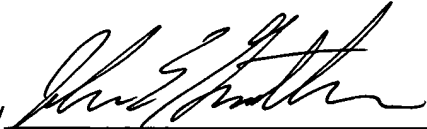
Claims 1, 10 and 11 have been amended to further distinguish the invention from the prior art. Specifically, the preambles of the claims have been amended to describe the invention as a means to make solderless electrical connections between pairs of stacked substrates. While the solderless nature of the connections is not specifically discussed in the specification, it is inherent in the description of the invention and the figures. In particular, the description of the use of the invention on page 7, lines 1 - 4, describes that the compression of the spring contacts causes a wiping action across the substrate contact surfaces, which would be unnecessary and impossible if the contact were soldered to the substrates.

Scholtz describes a connector that may be soldered to both sides of a single substrate using RF heating. Pope describes a connector system that may be used to make electrical connections between facing substrates. However, the invention of Pope comprises male and female connector pairs that are soldered to the substrates (see column 8, lines 60 – 65; flat contacts for reflow soldering to substrates are clearly visible in the numerous figures) and then mated. Thus, neither Scholtz nor Pope, with or without Bartz, teaches a device to make solderless electrical connections between stacked substrates.

Applicant believes the amended application is now in conditions for allowance. Thus revival of the application, continued examination, allowance and prompt passage to issue are respectfully requested.

Respectfully submitted,  
David M. Creighton

By



John E. Gunther  
Agent for Applicant  
Registration No. 43,649

Raytheon Company  
P. O. Box 902  
EO/E4/N119  
El Segundo, CA 90245

(310) 647-3723  
(310) 647-2616 facs